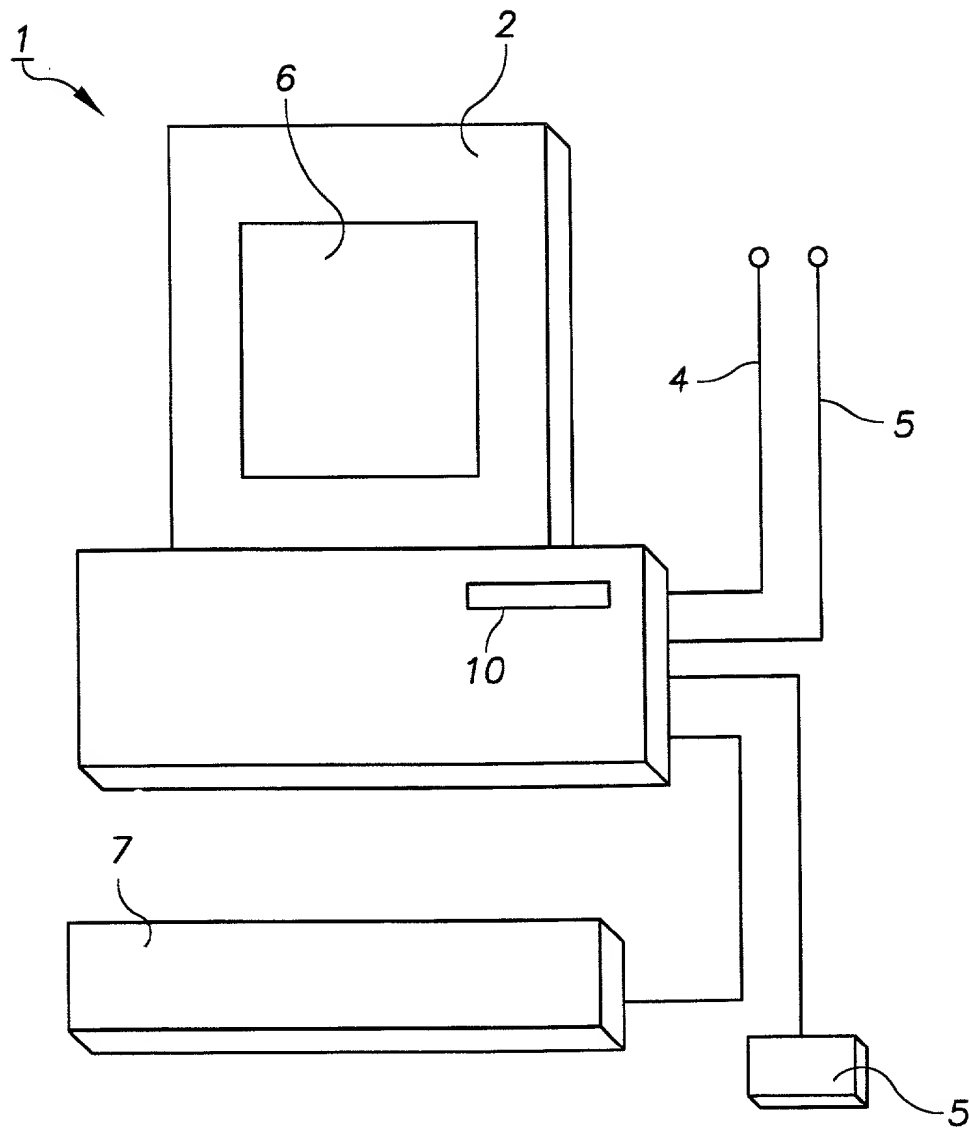


FIG. 1



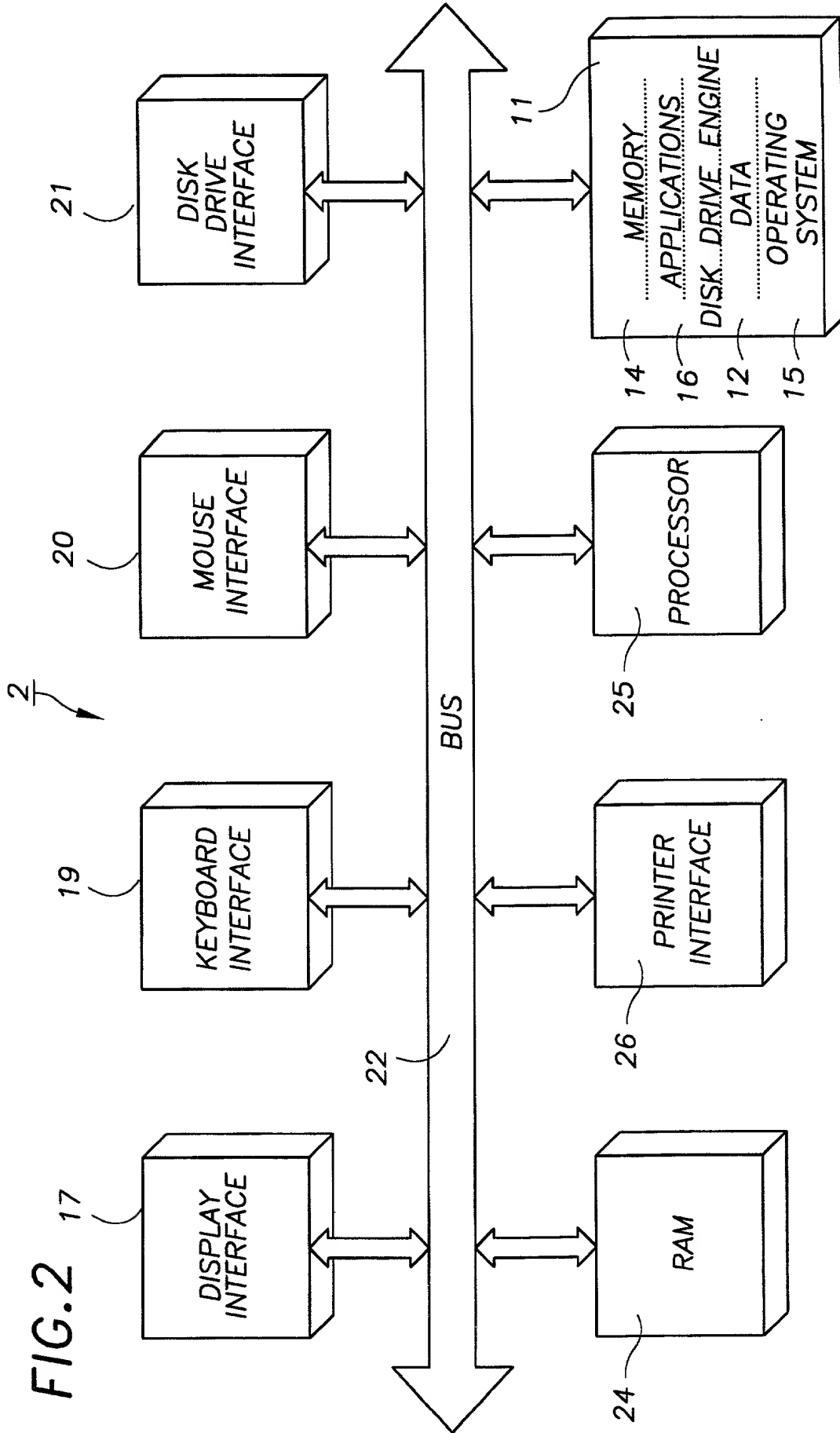
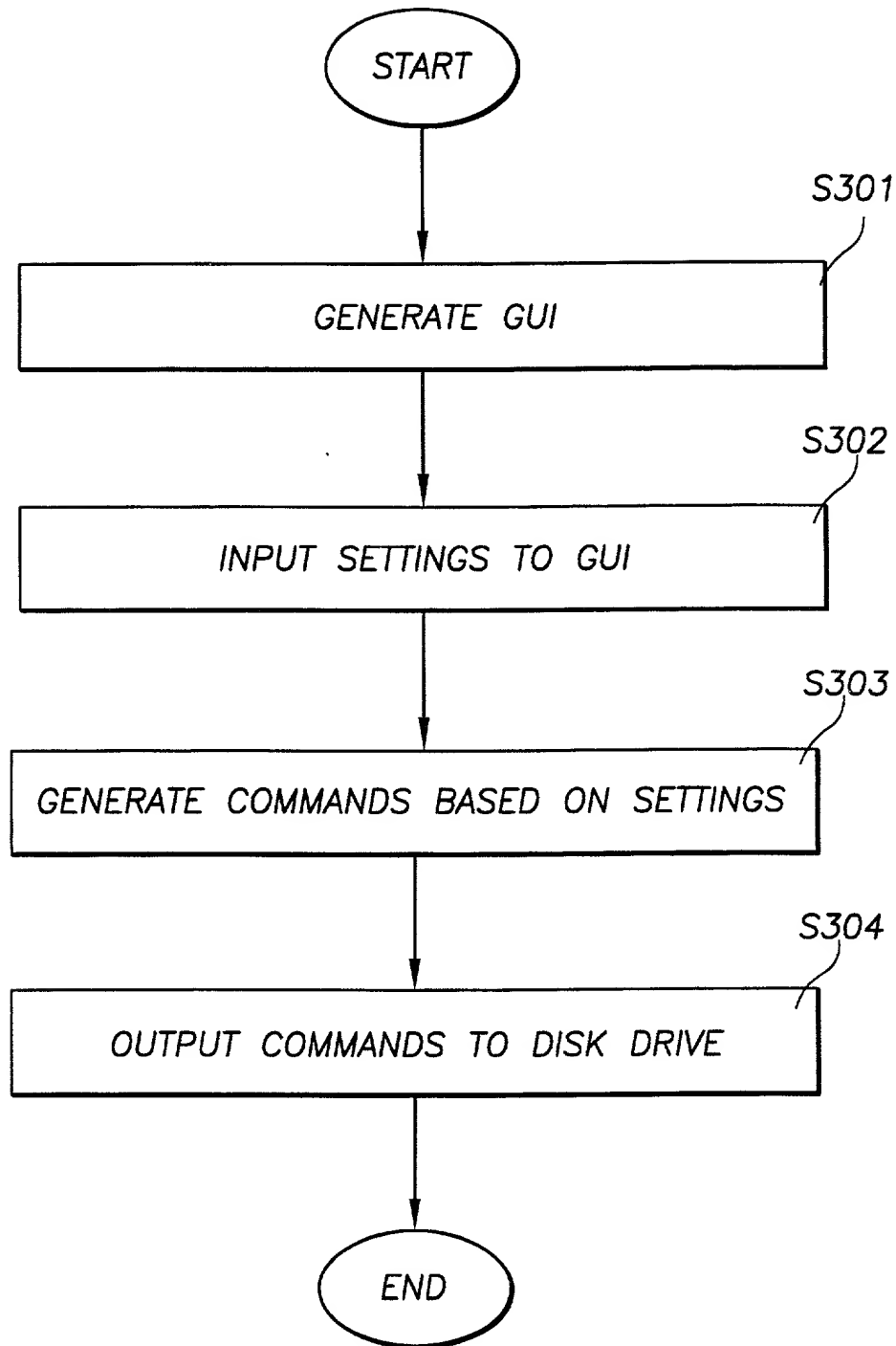


FIG. 3



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FIG. 4

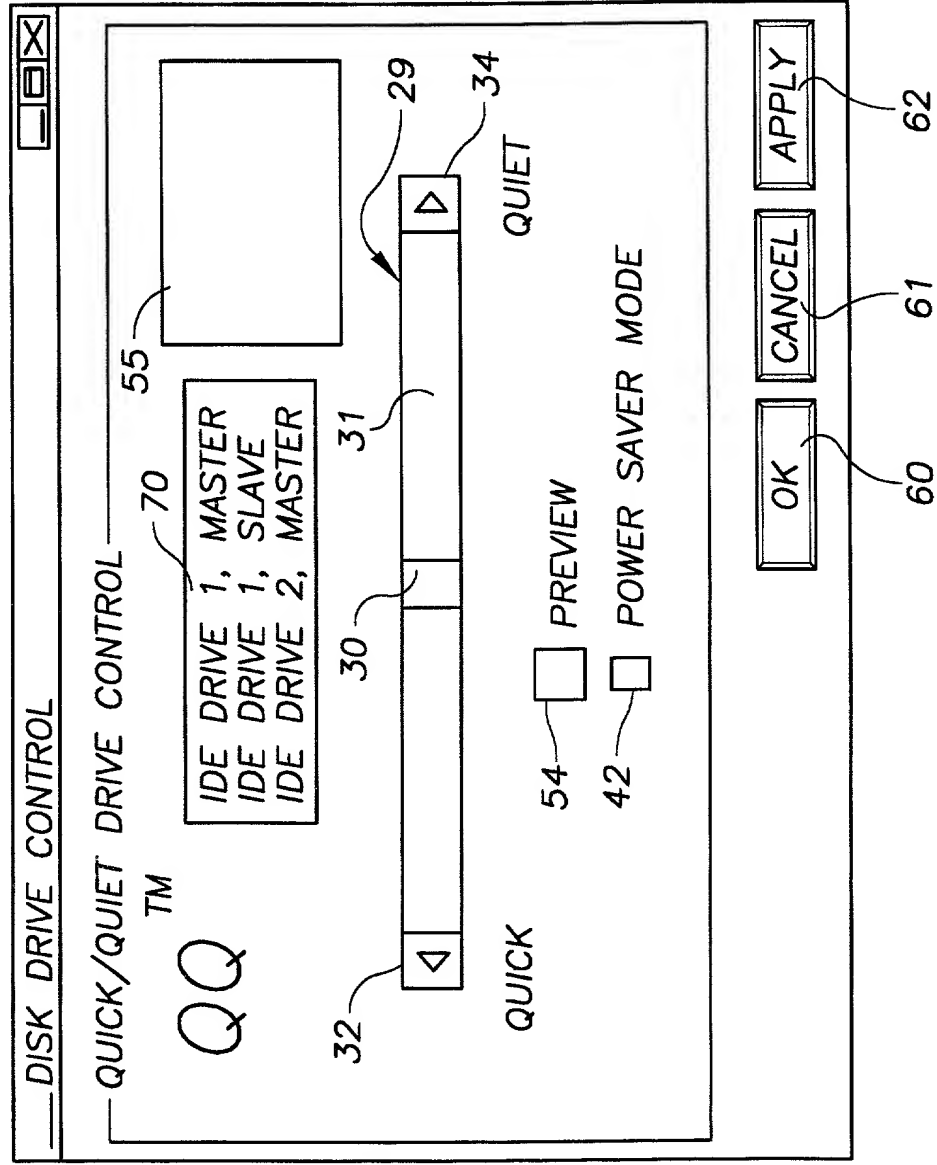


FIG. 5

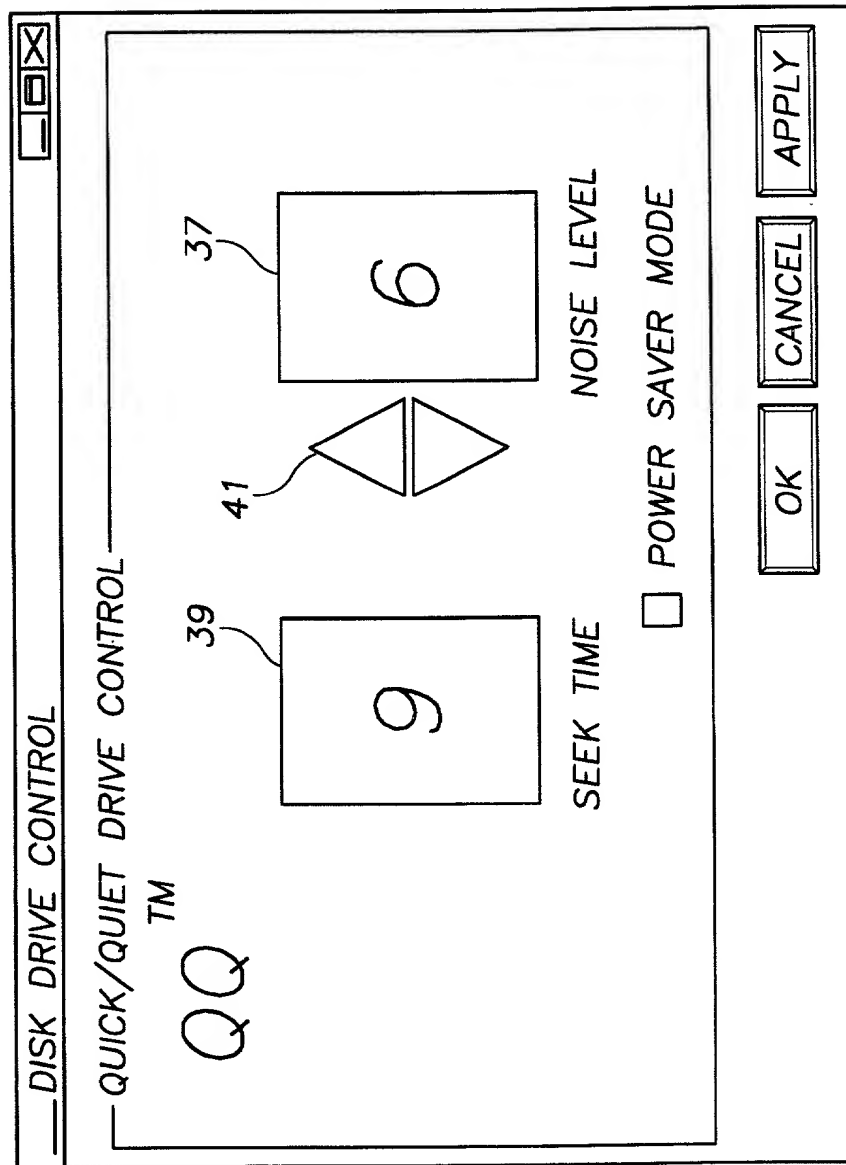


FIG. 6

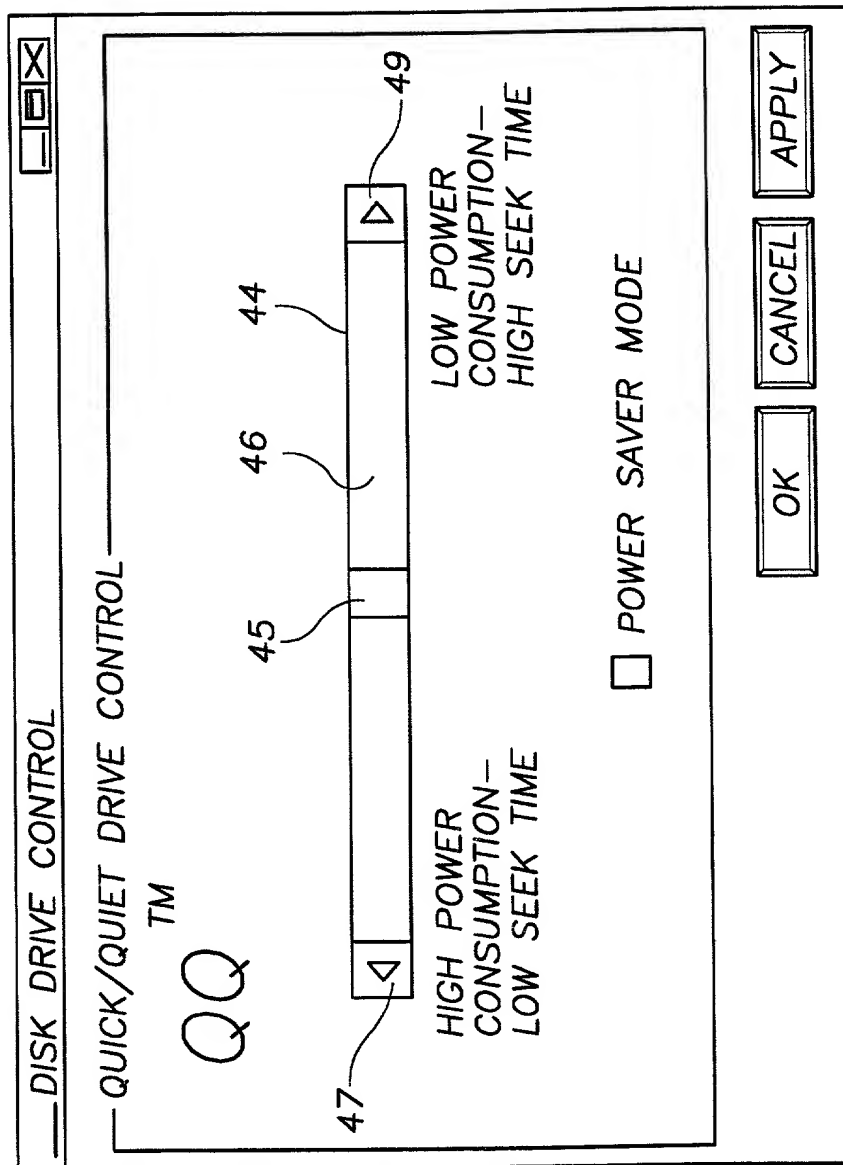


FIG. 7

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— DISK DRIVE CONTROL —

— QUICK/QUIET DRIVE CONTROL —

QQTM

52

50

NOISE LEVEL

POWER CONSUMPTION

☐ POWER SAVER MODE

OK CANCEL APPLY

FIG.8

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DISK DRIVE CONTROL

QUICK/QUIET DRIVE CONTROL™

9

6

2

SEEK TIME

NOISE LEVEL

POWER CONSUMPTION

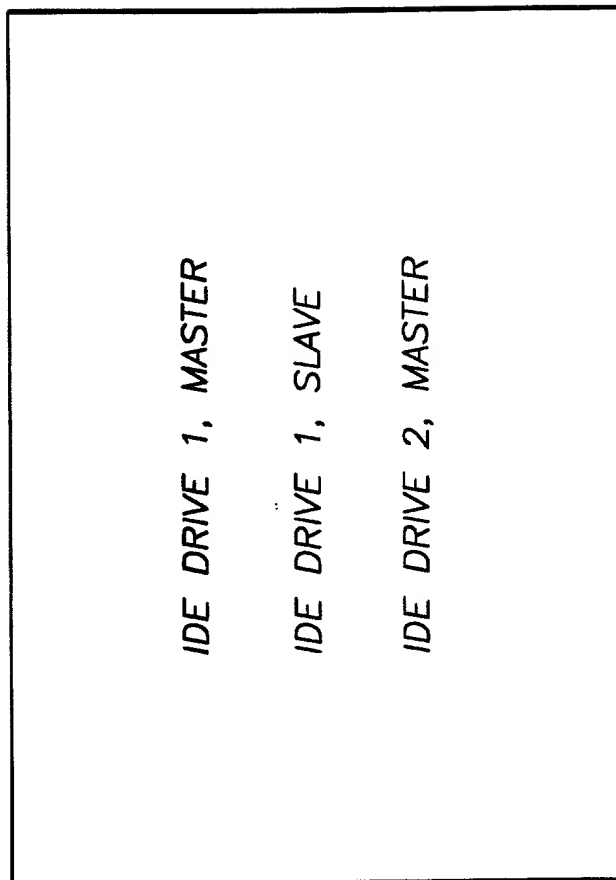
☐ POWER SAVER MODE

OK

CANCEL

APPLY

FIG. 9



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FIG. 10A

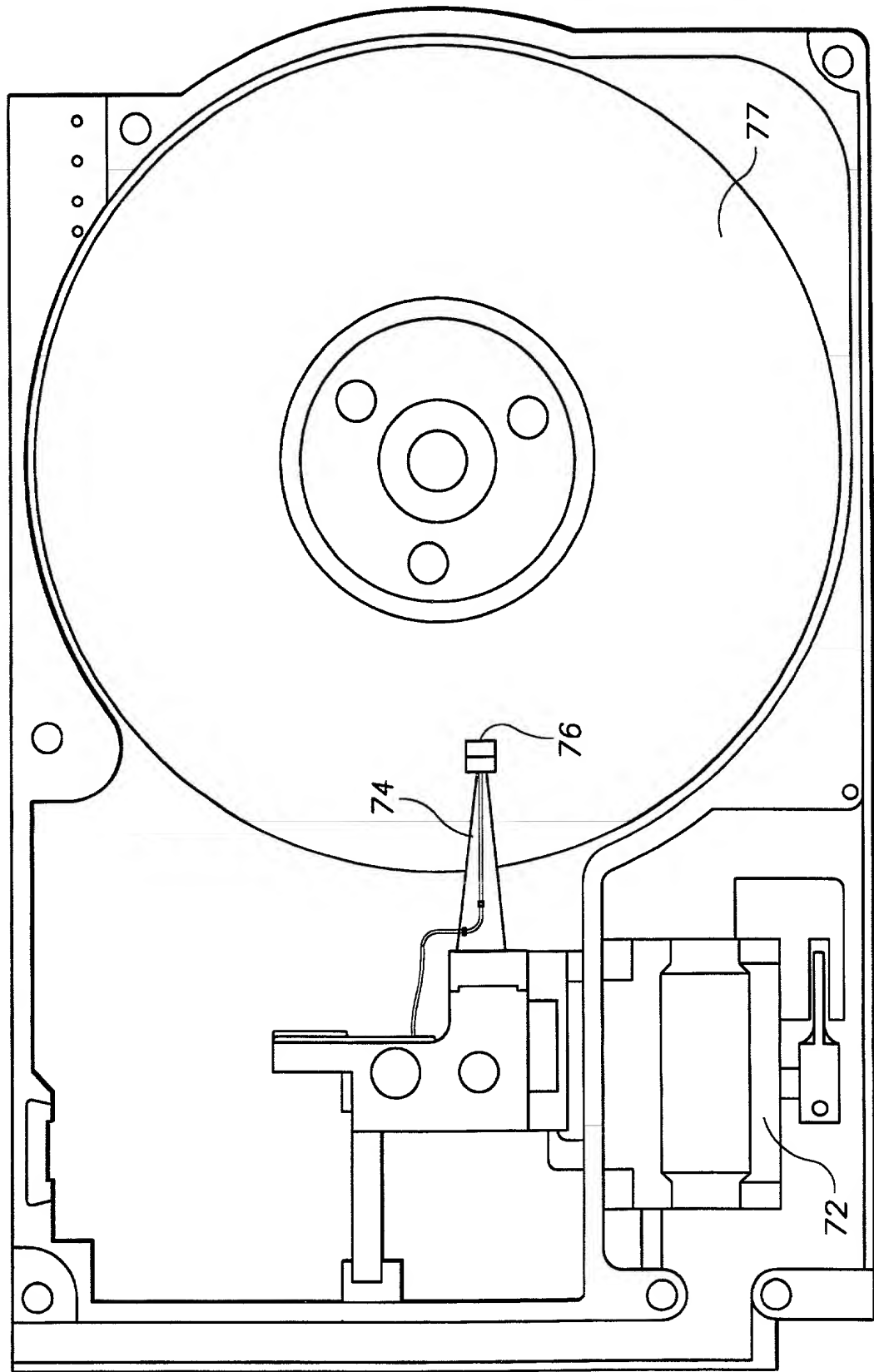


FIG. 10B

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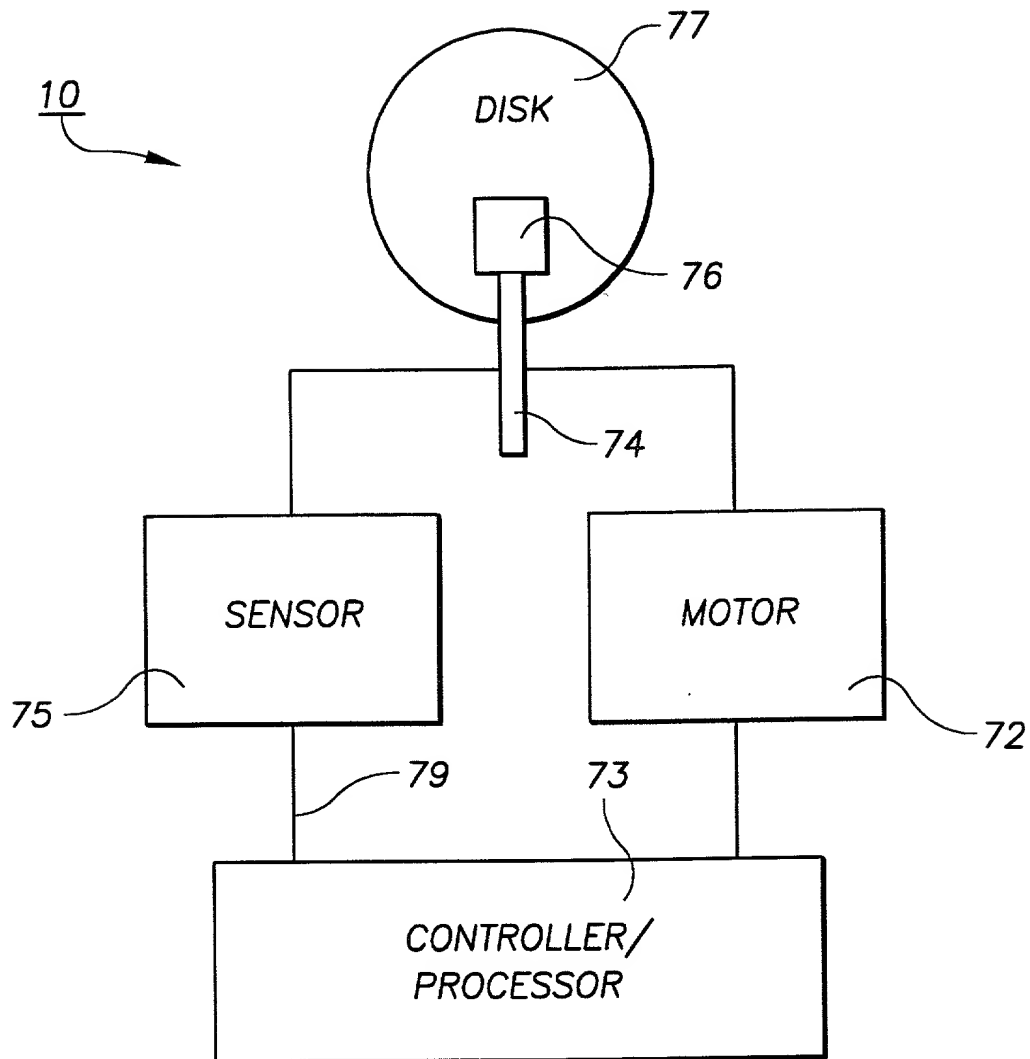


FIG.12

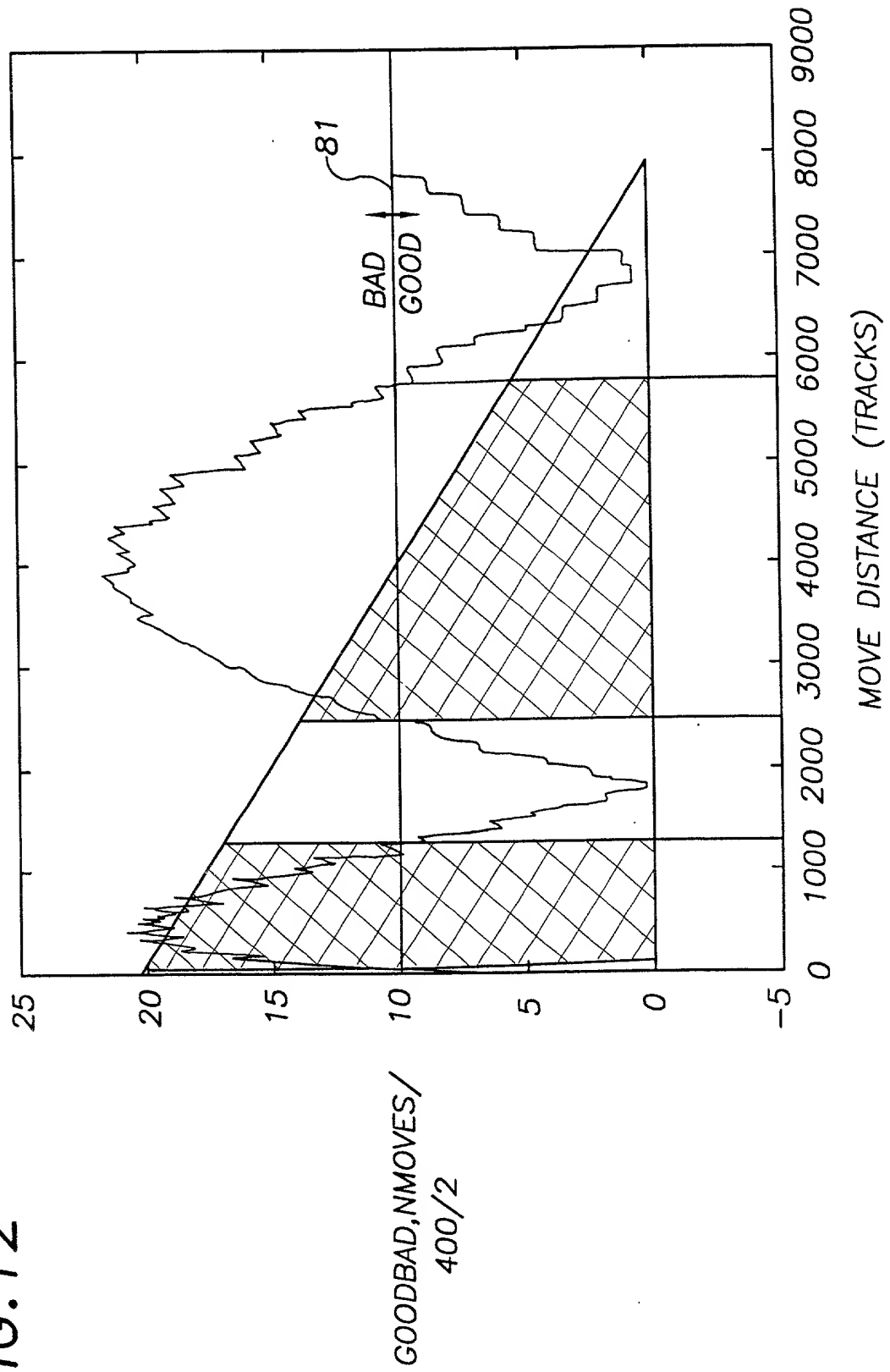


FIG. 13

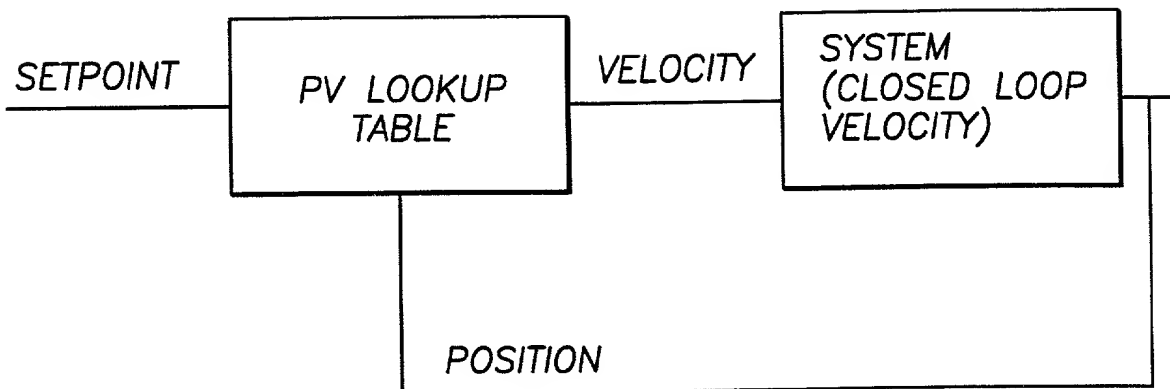
PRIOR ART

FIG. 14

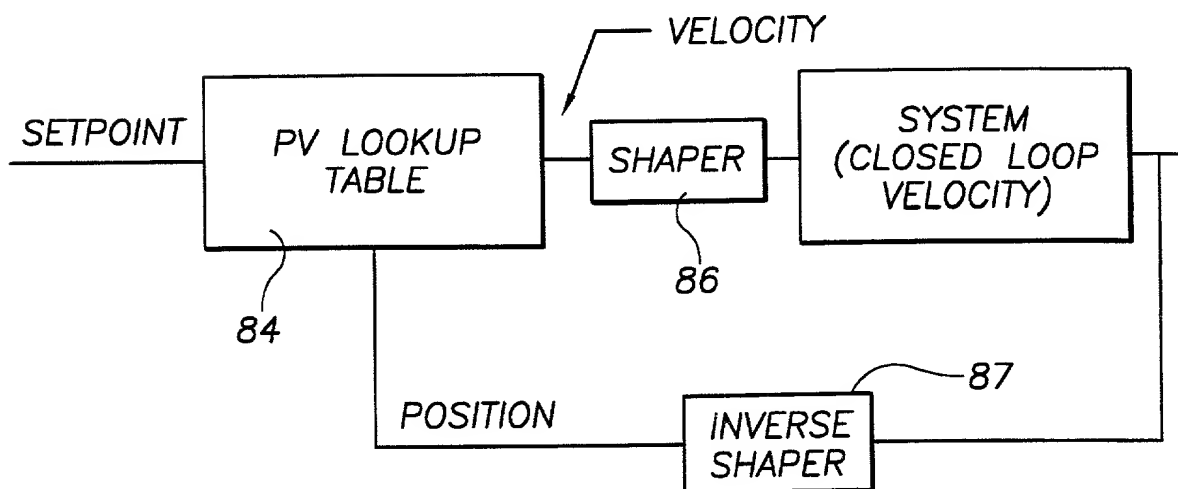


FIG. 15

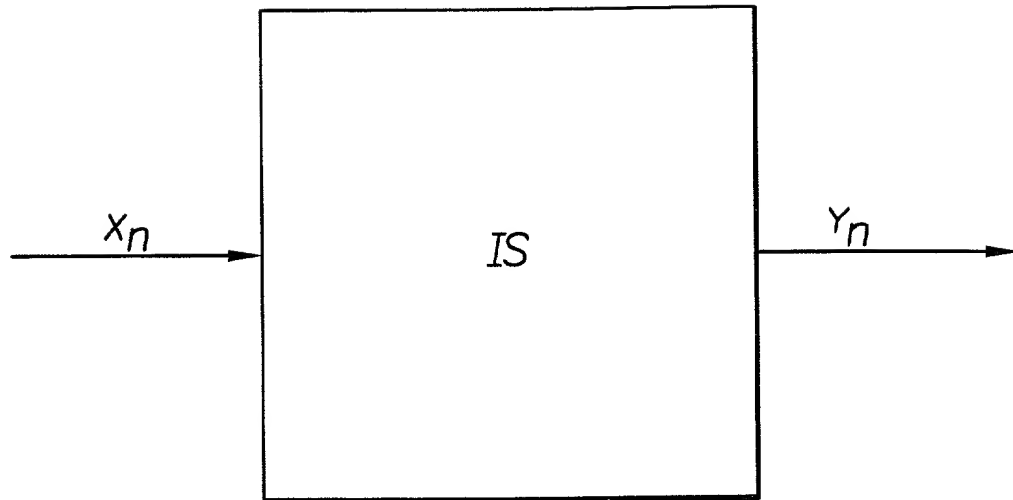


FIG. 16

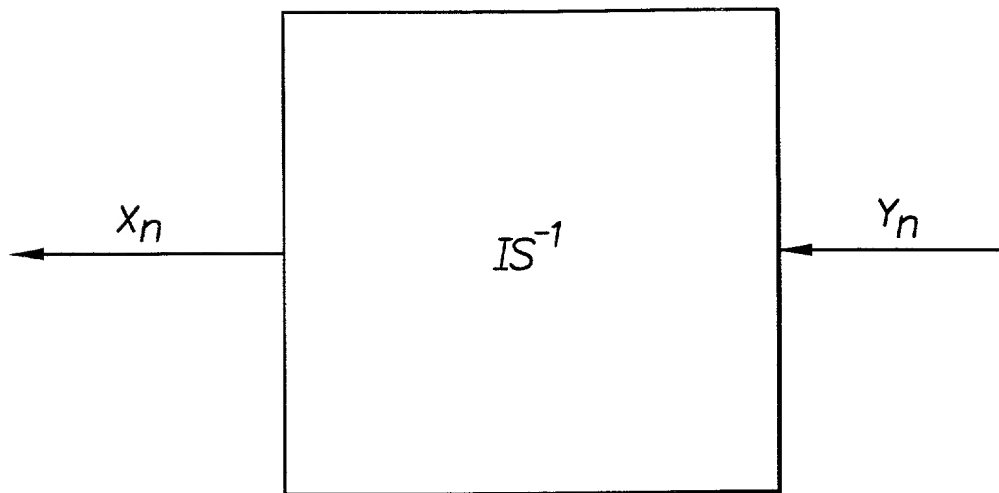


FIG.17

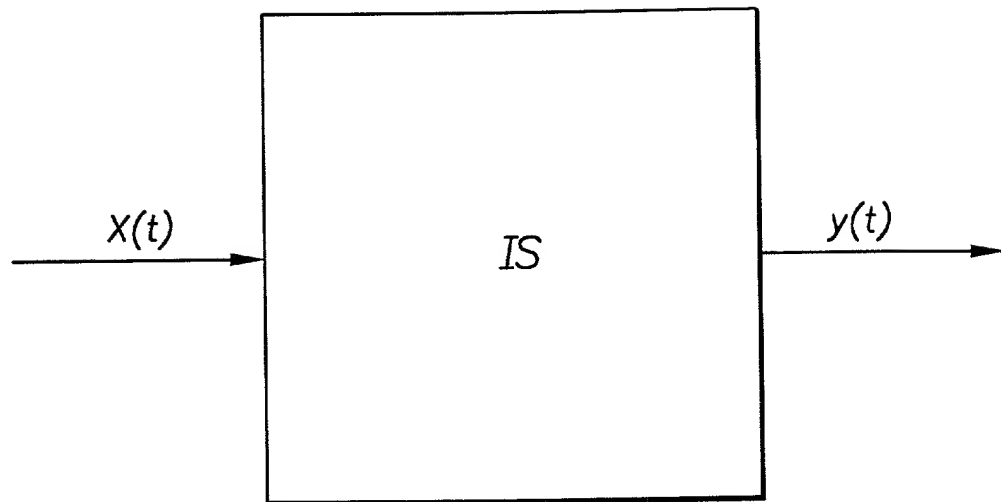


FIG18

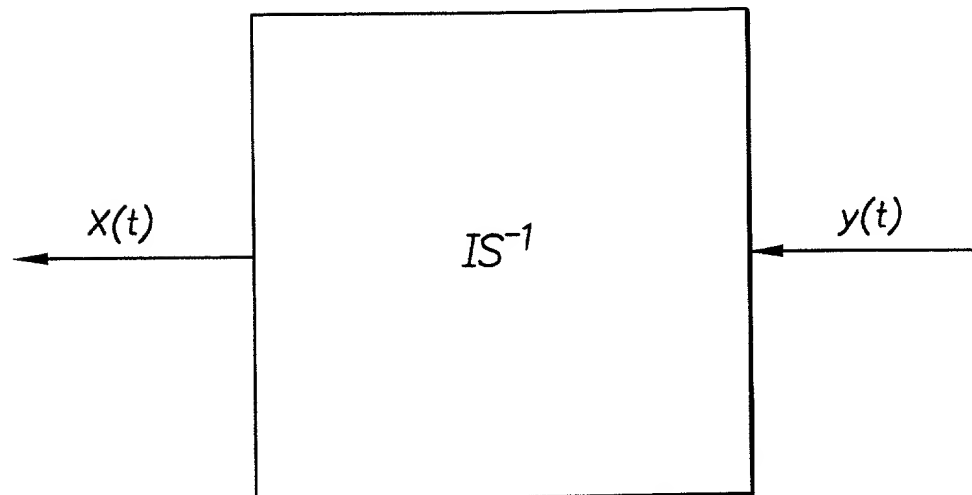


FIG. 19

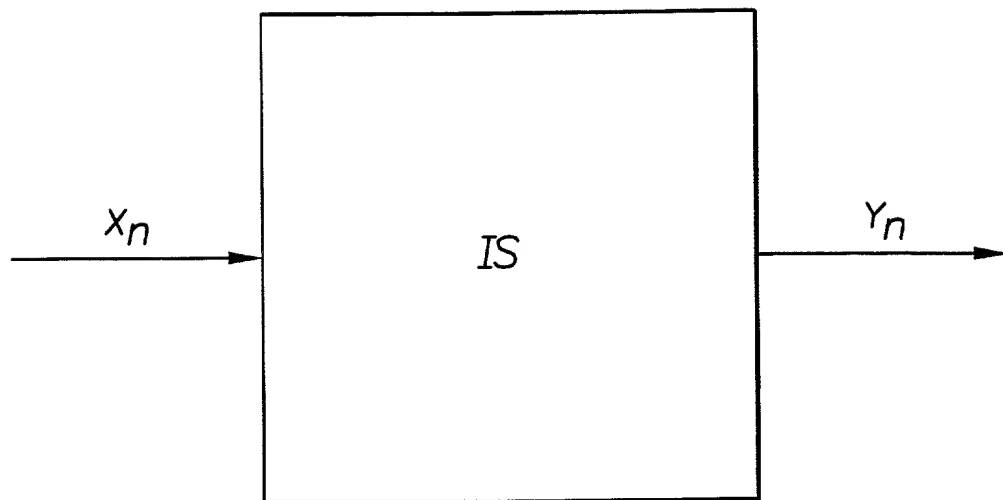
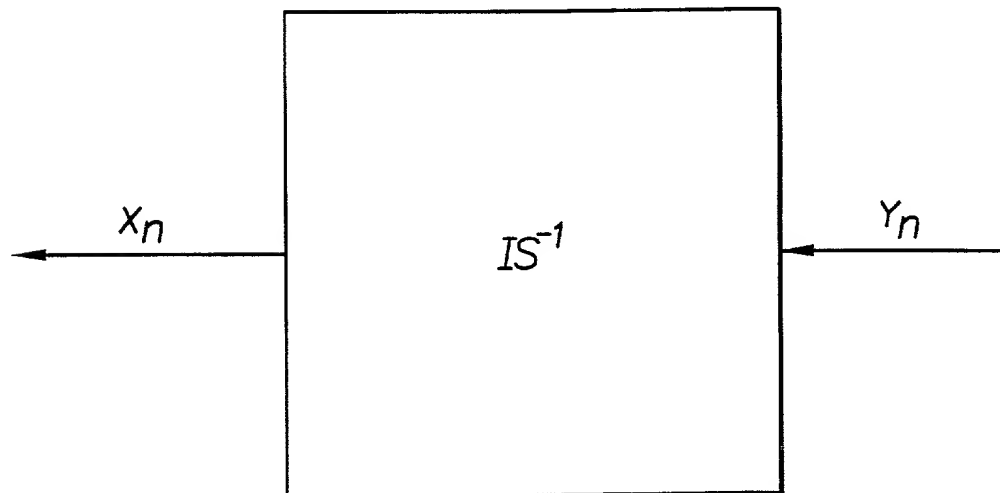


FIG. 20



PV CURVES FOR 100, 500,
AND 1000 TRACK MOVES

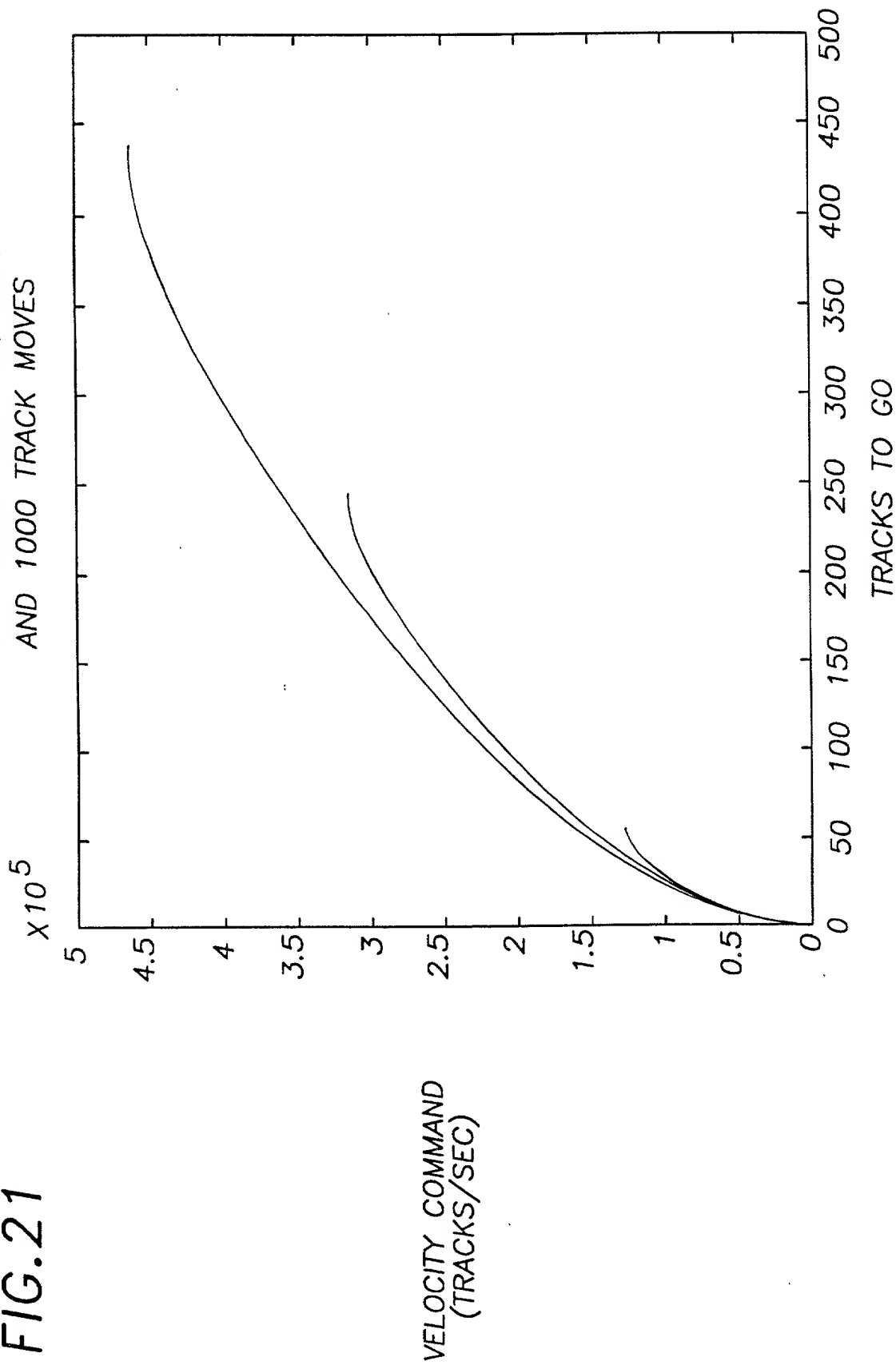
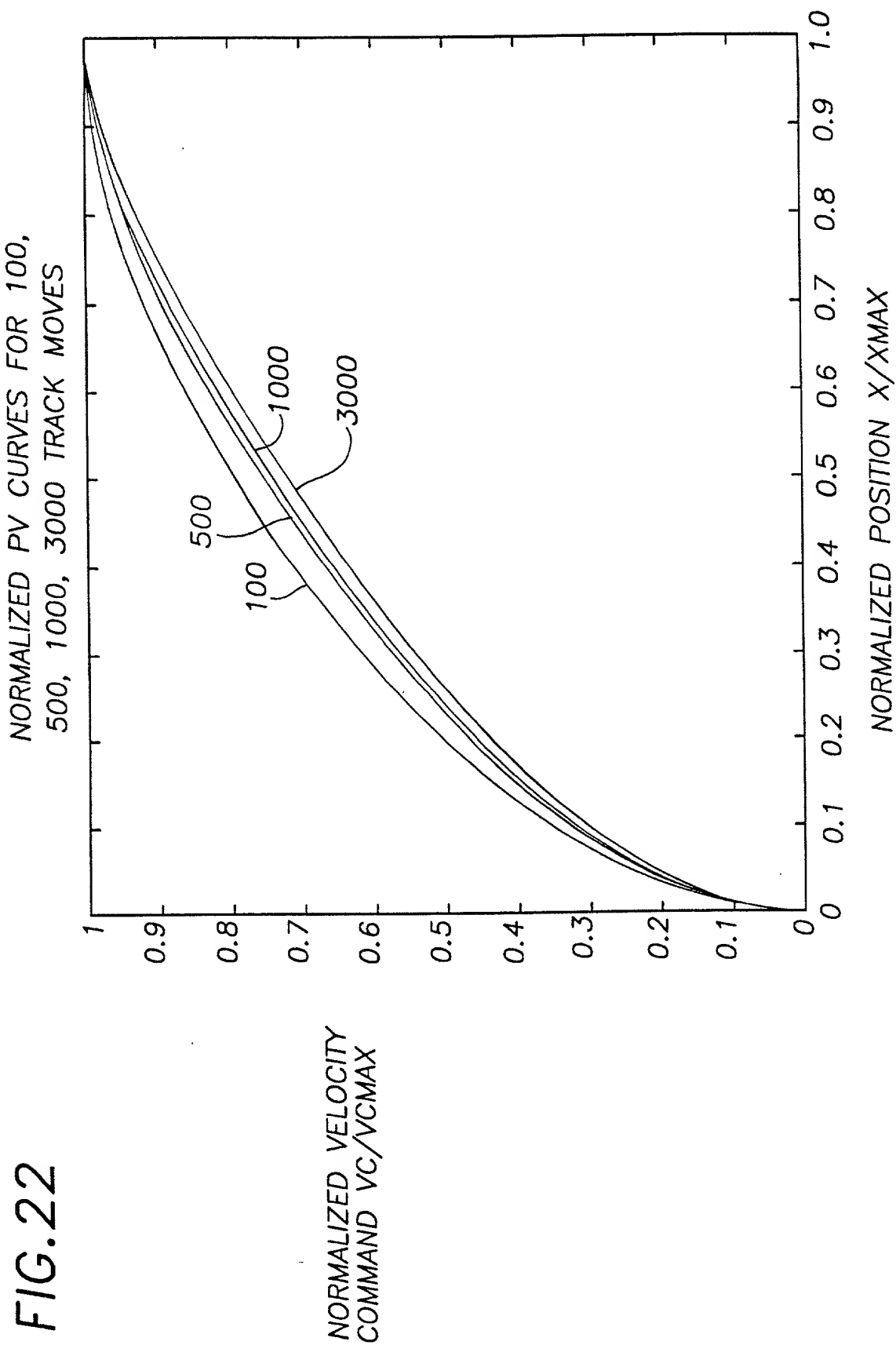
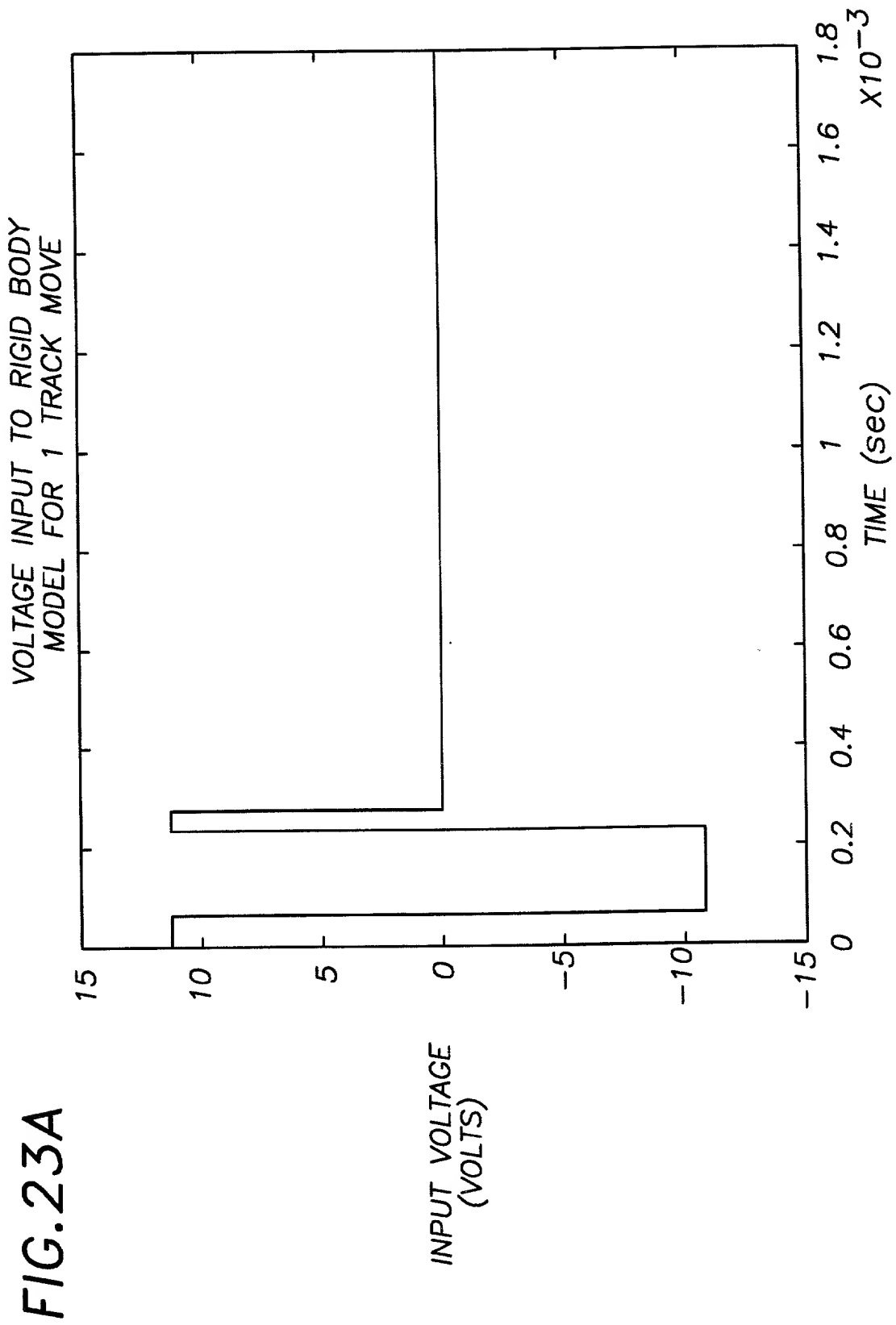


FIG.21





VOLTAGE INPUT TO RIGID BODY
MODEL FOR 3000 TRACK MOVE

FIG. 23B

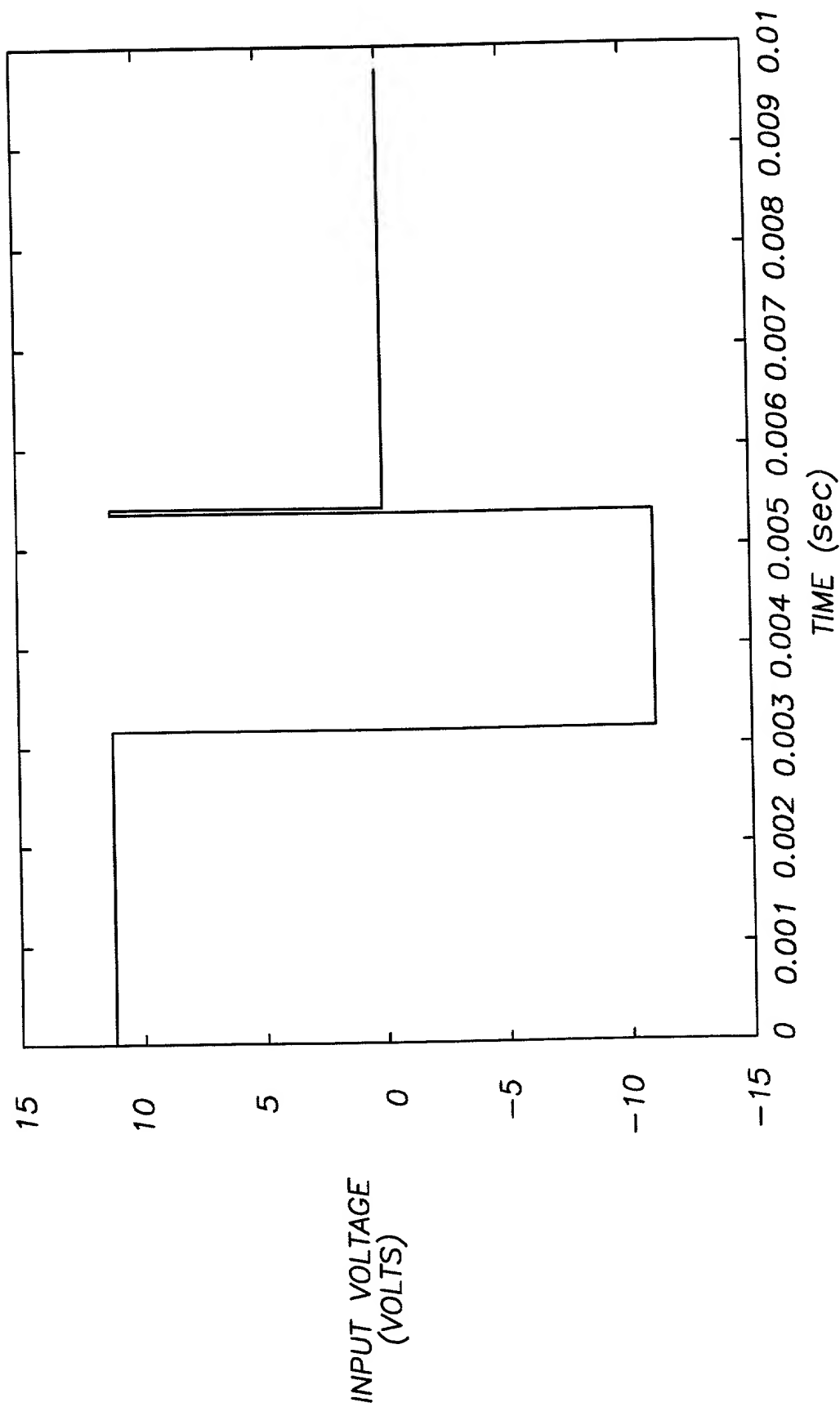


FIG.24

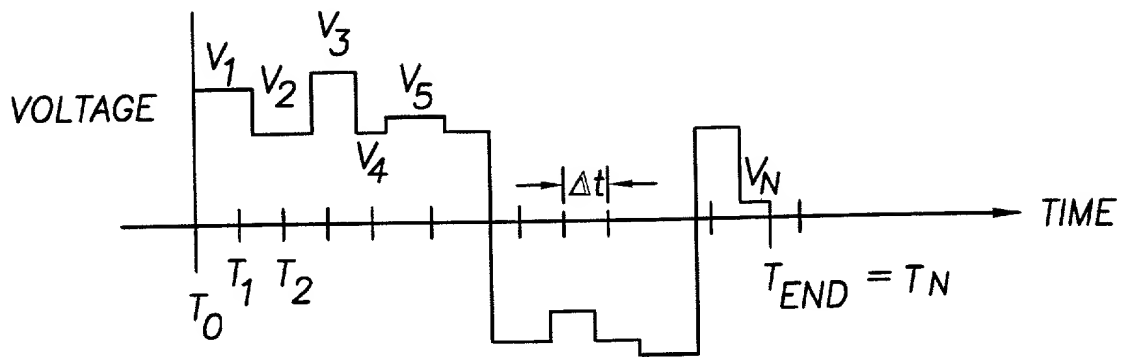


FIG.25

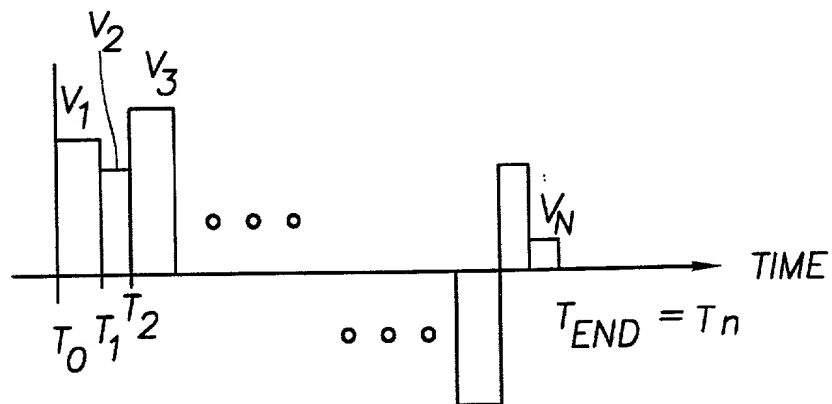


FIG.26

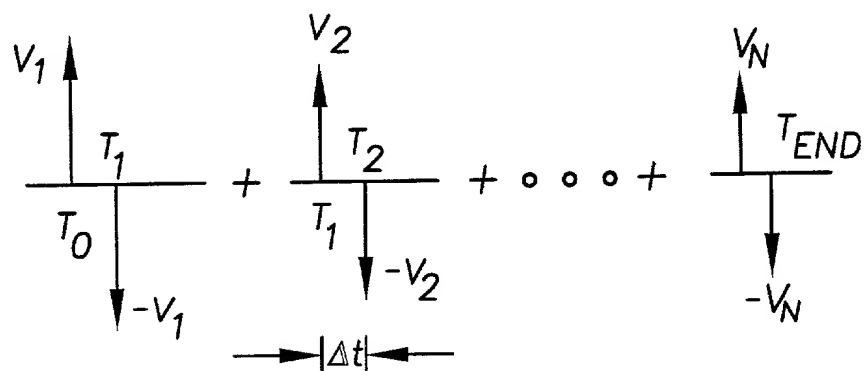


FIG.27

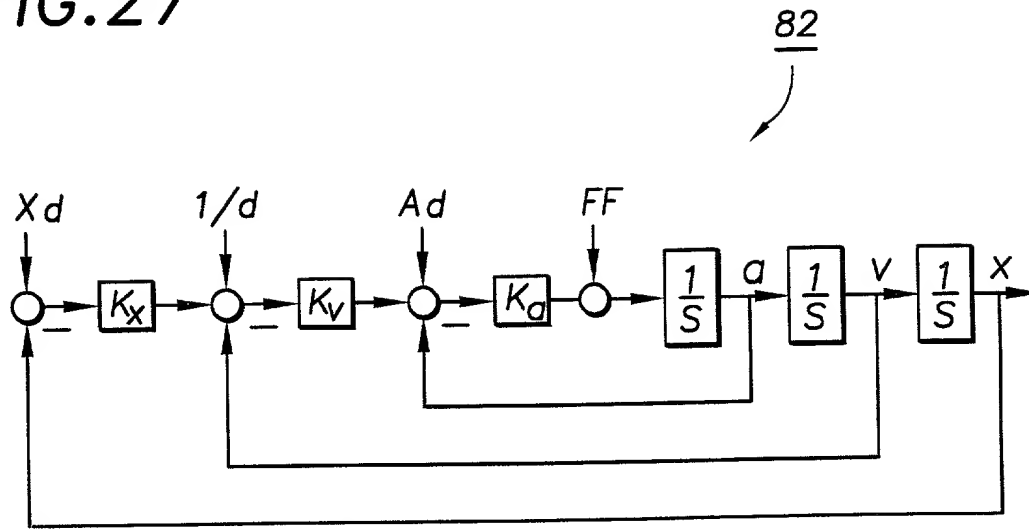
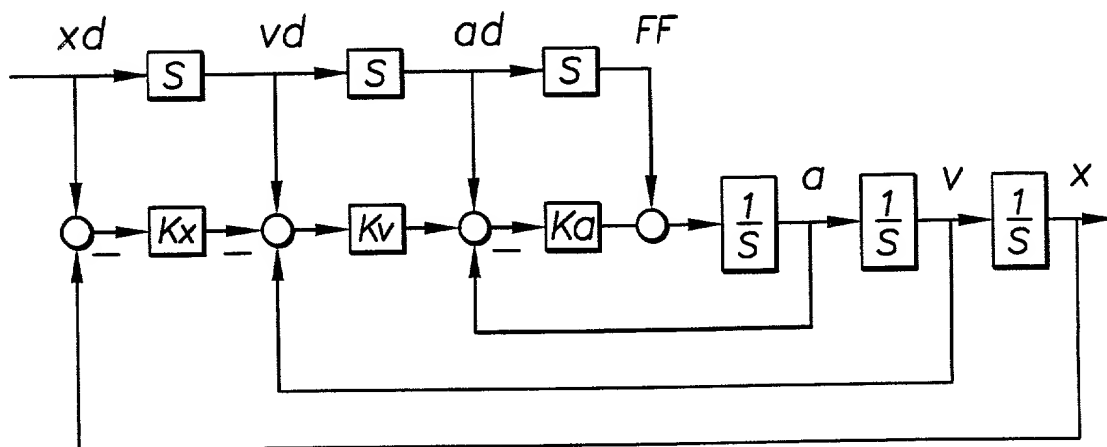


FIG.28



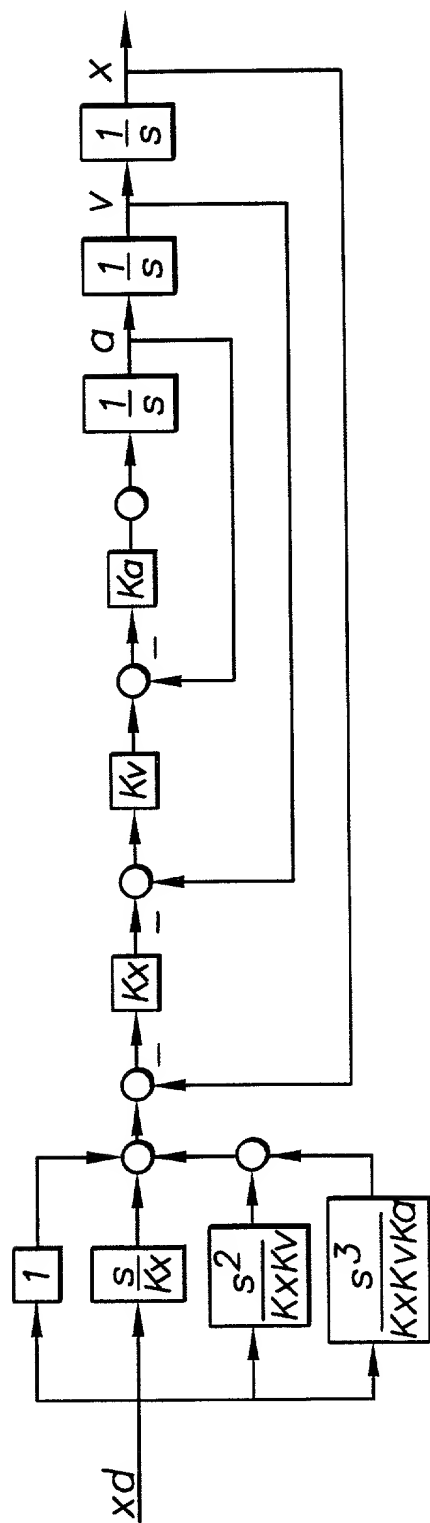


FIG. 29

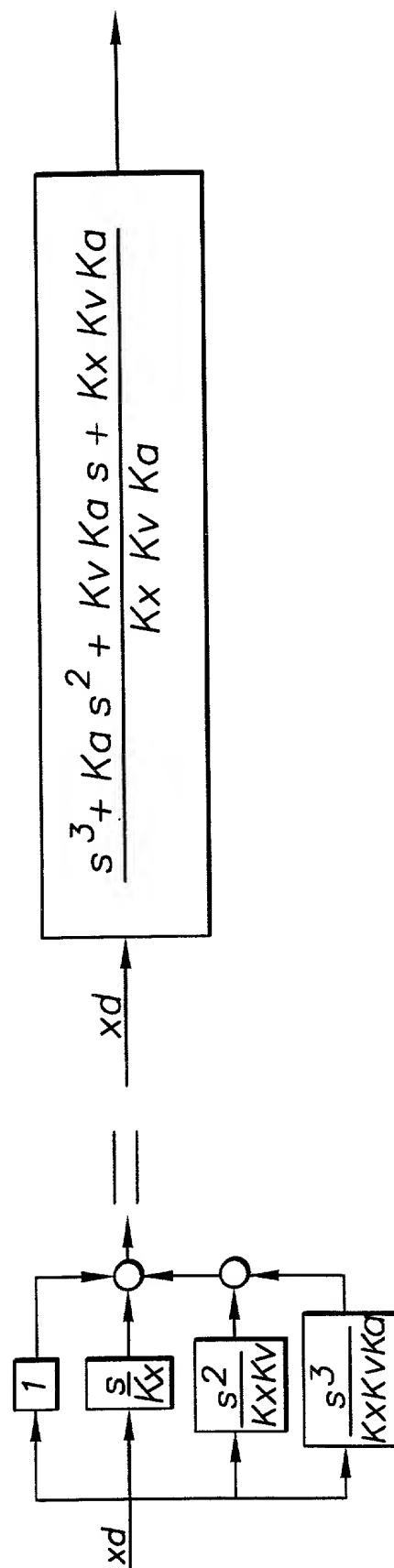


FIG. 30

FIG.31

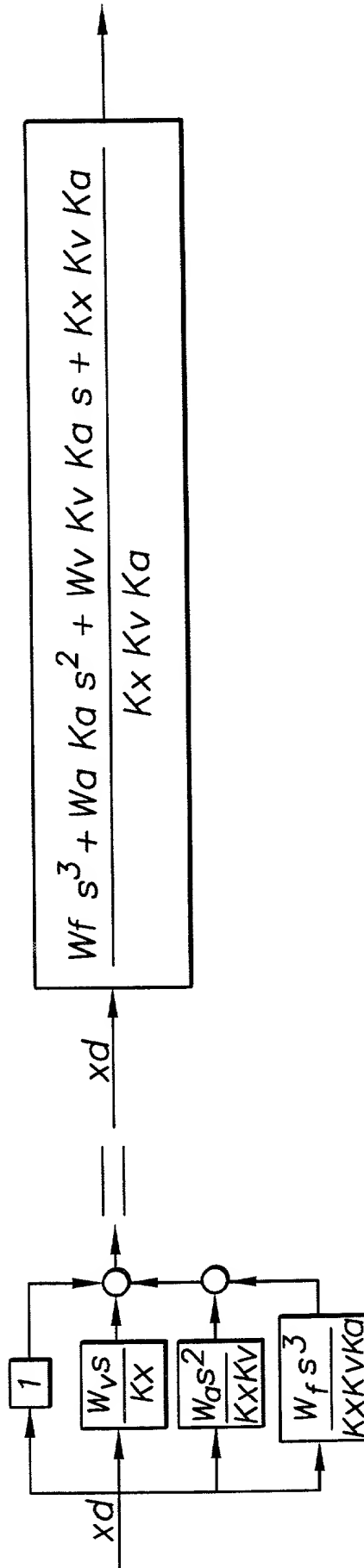


FIG.32

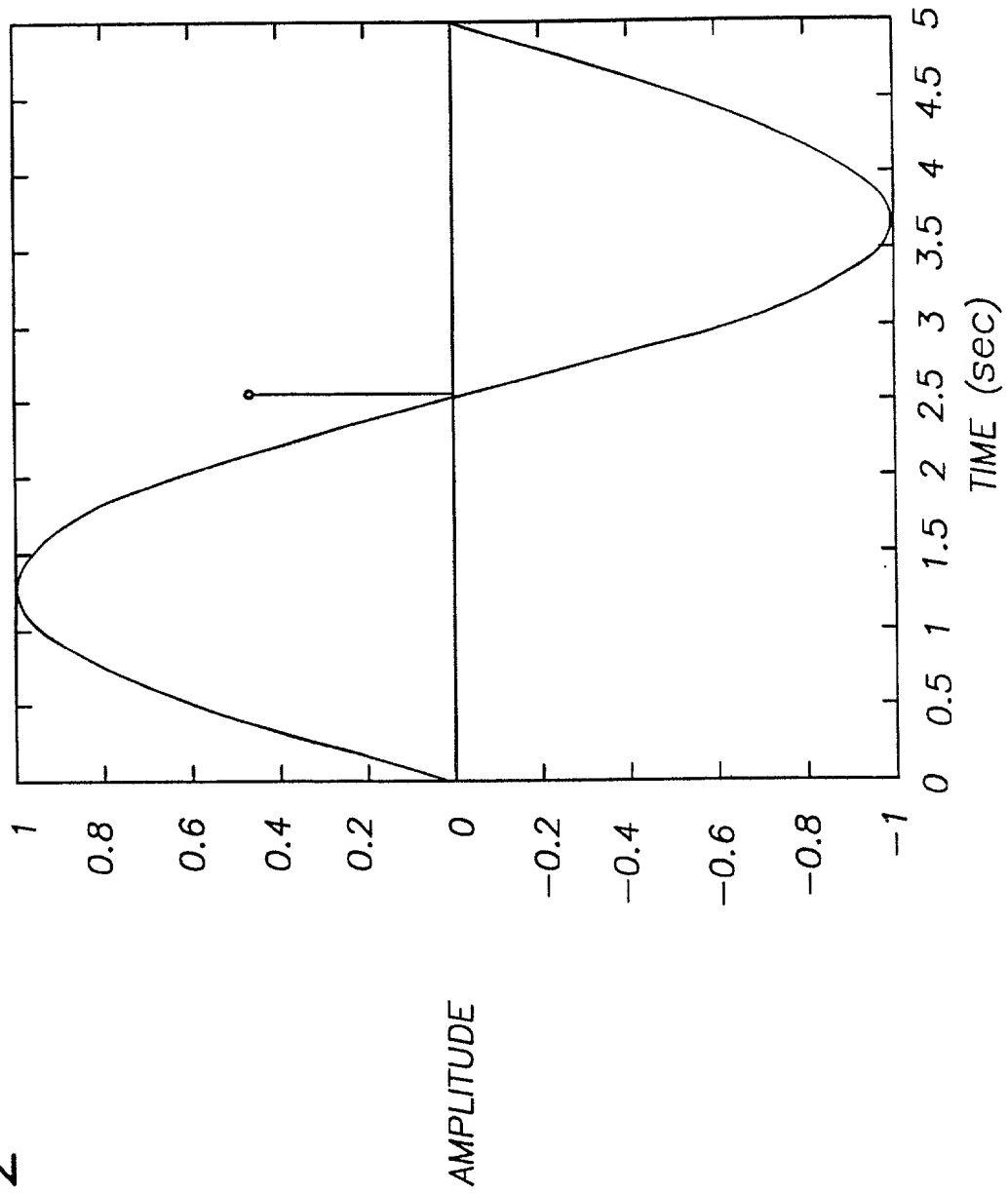


FIG.33

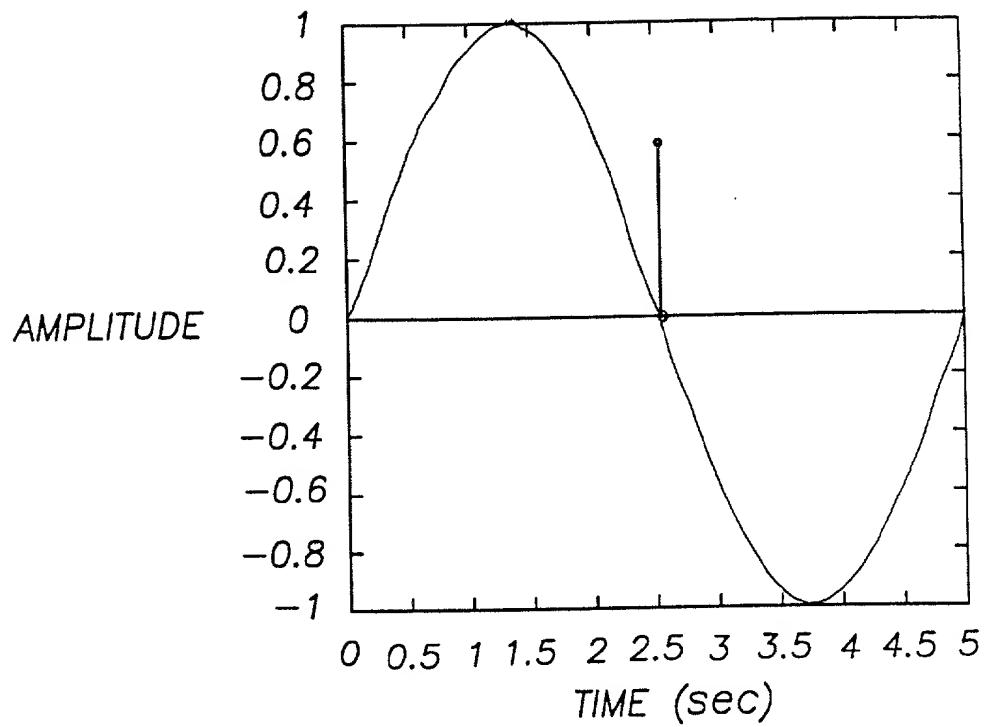


FIG.34

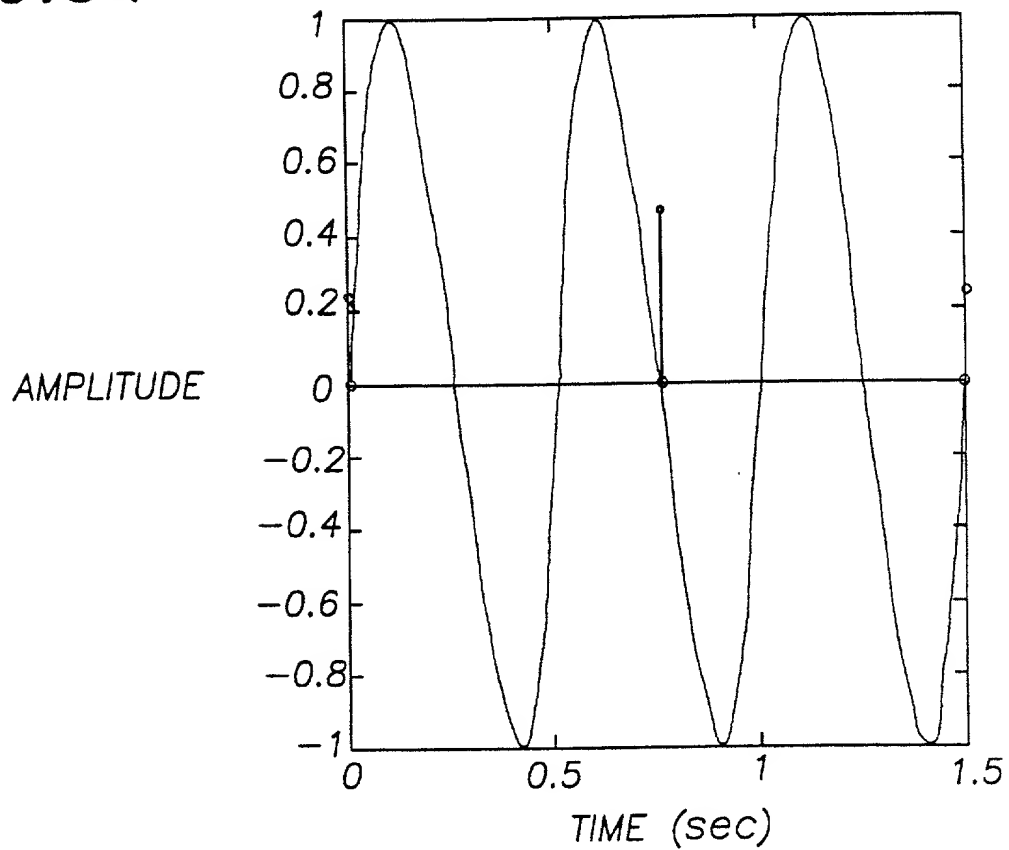


FIG.35

